

Amendments to the Claims

Please amend the claims by canceling claims 1, 2, 6, 7, 10–19, 21, and 22 as follows:

1. (CANCELED)

2. (CANCELED)

3. (CANCELED)

4. (CANCELED)

5. (CANCELED)

6. (CANCELED)

7. (CANCELED)

8. (CANCELED)

9. (CANCELED)

10. (PREVIOUSLY PRESENTED) A telecommunications system for providing service to a cellular device located within a radio-frequency (RF) shadow of a communication station including a transmitter and a receiver, the system comprising:

a line-of-sight (LOS) antenna for receiving a transmitter signal from the station;

a plurality of shadow antennas each in communication with the LOS antenna, located within a line of sight of the RF shadow, and for receiving a cellular signal from the cellular device;

a splitter disposed between the LOS antenna and each of the plurality of shadow antennas and for splitting the transmitter signal into a corresponding plurality of transmitter signals respectively communicated to the shadow antennas;

the LOS antenna for receiving cellular signals from the shadow antennas and for transmitting the cellular signals to the station;

each of the shadow antennas for receiving a respective one of the transmitter signals from the LOS antenna and transmitting the respective transmitter signal to the RF shadow; and

a plurality of amplification sections respectively disposed between the shadow antennas and the splitter each for amplifying a respectively received transmitter signal and for amplifying the cellular signal received by a respective one of the shadow antennas.

11. (ORIGINAL) The system of claim 10 wherein each of the amplification sections includes an LOS circulator and a shadow circulator defining an LOS-to-shadow path and a shadow-to-LOS path between the splitter and a respective one of the shadow antennas;

the LOS circulator for:

- receiving the cellular signal from the shadow-to-LOS path;
- providing the cellular signal to the splitter;
- receiving the transmitter signal from the splitter; and
- providing the transmitter signal to the LOS-to-shadow path; and

the shadow circulator for:

- receiving the transmitter signal from the LOS-to-shadow path;
- providing the transmitter signal to a respective one of the shadow antennas;
- receiving the cellular signal from a respective one of the shadow antennas; and
- providing the cellular signal to the shadow-to-LOS path.

12. (CANCELED)

13. (CANCELED)

14. (CANCELED)

15. (CANCELED)

16. (CANCELED)

17. (CANCELED)

18. (CANCELED)

19. (CANCELED)

20. (CANCELED)

21. (CANCELED)

22. (CANCELED)